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United States Patent [19]**Baranowitz et al.**[11] **Patent Number:** **5,457,135**[45] **Date of Patent:** **Oct. 10, 1995**[54] **TREATMENT OF AGE RELATED MACULAR DEGENERATION WITH BETA-CAROTENE**

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[51] **Int. Cl.⁶** **A61K 31/07**[52] **U.S. Cl.** **514/725; 514/912**[58] **Field of Search** **514/725, 912****OTHER PUBLICATIONS**

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[57]

ABSTRACT

According to the present invention, there are provided methods for treating age related macular degeneration in a mammal; for preventing impairment of the vision or for improving impaired vision of a mammal whose eye has drusen; for preventing formation or growth of drusen in the eye of a mammal; and for reducing the number or the size of drusen or for fading drusen without resultant areas of retinal atrophy, without resultant impairment of vision, or without a combination of the foregoing in the eye of a mammal. Beta-carotene in appropriate amounts is administered to the mammal.

12 Claims, 1 Drawing Sheet